II.   AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A system for providing security for an Internet server, comprising:

a logical security system for processing login and password data received from a client device during a server session with the Internet server in order to authenticate a logged in user;

a physical security system for processing Internet protocol (IP) address information of the client device at the Internet server in order to authenticate the client device for the duration of the server session; and

a memory system for storing, at the Internet server, a list of each logged in user and a reference IP address collected during a login procedure, wherein the logical security system is configured to access the list to authenticate the logged in user, and wherein the physical security system is configured to separately access the list in order to authenticate the client device;

wherein the physical security system includes a proxy server module for comparing only a portion of an IP address obtained from a received message against only a like portion of the reference IP address for the logged in user.

2-3. (Cancelled).

4. (Currently Amended) The system of claim [[3]] 1, wherein the physical security system terminates the session for the user if the portion of the IP address obtained from the received message does not match the like portion of the reference IP address for the logged in user.

5. (Currently Amended) The system of claim 4, wherein the physical security system deletes all instances of the logged in user from the stored list if the portion of the IP address obtained from the received message does not match the like portion of the reference IP address for the logged in user.

6. (Cancelled).

7. (Currently Amended) A method of authenticating a user accessing an Internet server, comprising:

      storing in a memory system, at the Internet server, a reference Internet protocol (IP) address and associated login data whenever a new server session is initiated on the Internet server from a client device;

      receiving a message from a requesting user at the Internet server;

      obtaining login data accompanying the message;

      obtaining an IP address from a message header in the message;

      determining if the login data of the requesting user is currently listed in the memory system as an existing session with the Internet server; and

      if the login data of the requesting user is currently listed, determining at the Internet server if the IP address from the received message matches the reference IP address associated

with the login data of the requesting user, the determining of the IP address including examining only a portion of the IP address of the requesting user and determining if the portion matches only a like portion of the reference IP address.

8. (Original) The method of claim 7, comprising the further step of initiating a login procedure if the login data of the requesting user is not currently listed in the memory system.

9. (Currently Amended) The method of claim 7, comprising the further step of terminating all server sessions listed in the memory system having the login data of the requesting user if the portion of the IP address from the obtained message does not match the like portion of the reference IP address.

10. (Cancelled).

11. (Currently Amended) A program product stored on a recordable medium for providing security for an Internet server, the program product comprising:

 [[means]] a component for processing logical security information received from a client device during a server session in order to authenticate a logged in user;

 [[means]] a component for processing Internet protocol (IP) address information of the client device in order to authenticate the client device during the server session by comparing the IP address of a received message against the list of IP addresses stored by the server; and

 [[means]] a component for storing, at the Internet server, a list of each logged in user and a respective reference IP address collected during a login procedure, wherein the component for

processing logical security information is configured to access the list to authenticate the logged in user, and wherein the component for processing IP address information is configured to separately access the list to authenticate the client device;

wherein the component for processing IP address information includes a proxy server module for comparing only a portion of an IP address obtained from a received message against only a like portion of the reference IP address for the logged in user.

12-13. (Cancelled).

14. (Currently Amended) The program product of claim [[13]] 11, wherein the [[means]] component for processing IP address information terminates the session for the user if the portion of the IP address obtained from the received message does not match the like portion of the reference IP address for the logged in user stored in the list.

15. (Currently Amended) The program product of claim 14, wherein the [[means]] component for processing IP address information deletes all instances of the logged in user from the stored list if the portion of the IP address obtained from the received message does not match the like portion of the respective reference IP address for the logged in user.

16. (Cancelled).

17. (New) The system of claim 1, wherein the portion of the IP address includes the first characters of the IP address.

18. (New) The method of claim 7, wherein the portion of the IP address includes the first characters of the IP address.

19. (New) The program product of claim 11, wherein the portion of the IP address includes the first characters of the IP address.

20. (New) The system of claim 1, wherein the IP address information is received from a proxy server capable of sending a plurality of IP addresses assigned to a plurality of client devices, and wherein the IP address includes a portion which is constant for each of the plurality of IP addresses.

21. (New) The method of claim 7, wherein the IP address information is received from a proxy server capable of sending a plurality of IP addresses assigned to a plurality of client devices, and wherein the IP address includes a portion which is constant for each of the plurality of IP addresses.

22. (New) The program product of claim 11, wherein the IP address information is received from a proxy server capable of sending a plurality of IP addresses assigned to a plurality of client devices, and wherein the IP address includes a portion which is constant for each of the plurality of IP addresses.